

49/14/00  
6003 U.S. PTO

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PATENT AND TRADE MARK AGENTS

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Ottawa  
September 13, 2000

JC825 U.S. PTO  
09/662337  
09/14/00

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CHRISTIAN CATHORN  
JENNIFER QUINN

Assistant Commissioner for Patents  
Washington, D.C. 20231  
U.S.A.

Sir:

**Re: New United States Patent Application**  
**Title: VALIDATION OF A CONNECTION**  
**BETWEEN ARBITRARY END-POINTS**  
**IN A COMMUNICATIONS NETWORK**  
**USING AN AUGMENTED SPE**  
**Inventor: Kim B. ROBERTS**  
**Assignee: Nortel Networks Limited**  
**Our File: 9-13528-135US KD/bm**

JOAN CLARK, Q.C.  
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MALCOLM E. MCLEOD  
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LEIGH D. CRESTOHL  
JOANNE CHRIQUI  
BENOIT CLERMONT  
LEANNE SOUQUET

INVENTOR: Kim B. ROBERTS

TITLE OF THE INVENTION:

VALIDATION OF A CONNECTION BETWEEN  
ARBITRARY END-POINTS IN A COMMUNICATIONS  
NETWORK USING AN AUGMENTED SPE

*Administrator*  
JAMES A. FRASER

ALAN SWABEY [1909-1990]  
MELVIN SHER [1935-1994]

A FIRM IN WHICH SWABEY, MITCHELL,  
HOULE, MARCOUX & SHER AND  
THE LAW FIRM OGILVY RENAULT  
ARE PARTNERS

The following documents are enclosed:

- a) Specification/Claims/Abstract with Declaration/Power of Attorney
- b) Assignment in favor of Nortel Networks Limited with Recordation Form PTO-1595
- c) Formal Drawings (6 Sheets - Figs. 1 - 5.)

September 13, 2000

d) Information Disclosure Statement with PTO Form 1449

e) Our cheque No. 006897 and Fee Transmittal Form PTO/SB/17, covering:

|  |                   |
|--|-------------------|
| Filing Fee                                   | \$ 690.00         |
| Recording of Assignment                      | \$ 40.00          |
| <b>Total Number of Claims:</b> 82            |                   |
| Independent claims in excess of 3 (1 @ \$78) | \$ 78.00          |
| Claims in excess of 20 (62 @ \$18)           | <u>\$1,116.00</u> |
| <b>Total</b>                                 | \$1,924.00        |

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to our Account No. 19-5113.

Please note that the address of the agents for the applicant in this matter should be the Montreal address identified in the enclosed Declaration/Power of Attorney. Correspondence may be directed to Kent Daniels at the Montreal address of Swabey Ogilvy Renault.

Respectfully submitted



Kent Daniels  
Reg. No. 44,206  
Agent of Record  
Encls.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL

## for FY 2000

Patent fees are subject to annual revision.  
Small Entity payments **must** be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.  
See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$ 1,924.00)

## Complete if Known

|                      |                     |
|----------------------|---------------------|
| Application Number   |                     |
| Filing Date          |                     |
| First Named Inventor | Kim B. Roberts      |
| Examiner Name        |                     |
| Group / Art Unit     |                     |
| Attorney Docket No.  | 9-13528-135US KD/bm |

## METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 19-5113

Deposit Account Name Swabey Ogilvy Renault

 Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.172.  Payment Enclosed: Check  Money Order  Other

## FEE CALCULATION

## 1. BASIC FILING FEE

## Large Entity Small Entity

| Fee Code (\$)     | Fee Code (\$) | Fee Description        | Fee Paid |
|-------------------|---------------|------------------------|----------|
| 101 690           | 201 345       | Utility filing fee     | 690      |
| 106 310           | 206 155       | Design filing fee      |          |
| 107 480           | 207 240       | Plant filing fee       |          |
| 108 690           | 208 345       | Reissue filing fee     |          |
| 114 150           | 214 75        | Provisional filing fee |          |
| SUBTOTAL (1) (\$) |               |                        | 690      |

## 2. EXTRA CLAIM FEES

|                    | Extra Claims   | Fee from below | Fee Paid |
|--------------------|----------------|----------------|----------|
| Total Claims       | 80 - 20** = 62 | X 18 =         | 1,116    |
| Independent Claims | 4 - 3** = 1    | X 78 =         | 78       |
| Multiple Dependent |                | =              | 0        |

\*\*or number previously paid, if greater; For Reissues, see below

## Large Entity Small Entity

| Fee Code (\$)     | Fee Code (\$) | Fee Description  | Fee Paid |
|-------------------|---------------|--|----------|
| 103 18            | 203 9         | Claims in excess of 20                                     |          |
| 102 78            | 202 39        | Independent claims in excess of 3                          |          |
| 104 260           | 204 130       | Multiple dependent claim, if not paid                      |          |
| 109 78            | 209 39        | ** Reissue independent claims over original patent         |          |
| 110 18            | 210 9         | ** Reissue claims in excess of 20 and over original patent |          |
| SUBTOTAL (2) (\$) |               |  | 1,194    |

## 3. ADDITIONAL FEES

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description  | Fee Paid |
|----------------------------|----------------------------|--|----------|
| 105 130                    | 205 65                     | Surcharge - late filing fee or oath  |          |
| 127 50                     | 227 25                     | Surcharge - late provisional filing fee or cover sheet                     |          |
| 139 130                    | 139 130                    | Non-English specification  |          |
| 147 2,520                  | 147 2,520                  | For filing a request for reexamination                                     |          |
| 112 920*                   | 112 920*                   | Requesting publication of SIR prior to Examiner action                     |          |
| 113 1,840*                 | 113 1,840*                 | Requesting publication of SIR after Examiner action                        |          |
| 115 110                    | 215 55                     | Extension for reply within first month                                     |          |
| 116 380                    | 216 190                    | Extension for reply within second month                                    |          |
| 117 870                    | 217 435                    | Extension for reply within third month                                     |          |
| 118 1,360                  | 218 680                    | Extension for reply within fourth month                                    |          |
| 128 1,850                  | 228 925                    | Extension for reply within fifth month                                     |          |
| 119 300                    | 219 150                    | Notice of Appeal   |          |
| 120 300                    | 220 150                    | Filing a brief in support of an appeal                                     |          |
| 121 260                    | 221 130                    | Request for oral hearing   |          |
| 138 1,510                  | 138 1,510                  | Petition to institute a public use proceeding                              |          |
| 140 110                    | 240 55                     | Petition to revive - unavoidable   |          |
| 141 1,210                  | 241 605                    | Petition to revive - unintentional   |          |
| 142 1,210                  | 242 605                    | Utility issue fee (or reissue)   |          |
| 143 430                    | 243 215                    | Design issue fee   |          |
| 144 580                    | 244 290                    | Plant issue fee  |          |
| 122 130                    | 122 130                    | Petitions to the Commissioner  |          |
| 123 50                     | 123 50                     | Petitions related to provisional applications                              |          |
| 126 240                    | 126 240                    | Submission of Information Disclosure Stmt                                  |          |
| 581 40                     | 581 40                     | Recording each patent assignment per property (times number of properties) | 40       |
| 146 690                    | 246 345                    | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 149 690                    | 249 345                    | For each additional invention to be examined (37 CFR § 1.129(b))           |          |

Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40)

## SUBMITTED BY

Complete (if applicable)

|                   |              |                                   |        |           |               |
|-------------------|--------------|-----------------------------------|--------|-----------|---------------|
| Name (Print/Type) | Kent Daniels | Registration No. (Attorney/Agent) | 44,206 | Telephone | 613-230-6072  |
| Signature         | K. Daniels   |                                   |        |           |               |
|                   |              |                                   |        | Date      | Sept 13, 2000 |

## WARNING:

Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.